

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L10	191	tonegawa.inv.	US-PGPUB; USPAT	OR	ON	2010/03/19 13:12
L11	17	L10 and (Print\$4 and data) and (application and (print adj data))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 13:12
L12	11313	358/1.15	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L13	256	L12 and (first near5 input) and (pdl and softwar\$9)	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L14	161	L13 and (transmi\$9 and print\$9) and (designa\$9 and select\$9)	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L15	110	L14 and (unit\$9 and control \$9) and (register\$9 and conver\$9)	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L16	110	L15 and imag\$9	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L17	110	L16 and data	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L18	37	L17 and databas\$4	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L19	37	L18 and input	US-PGPUB; USPAT	OR	ON	2010/03/19 13:13
L20	18	L19 and (Print\$4 and data) and (application and (print adj data))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/19 13:13
S1	1	10/758198	US-PGPUB; USPAT	OR	ON	2007/09/19 14:24
S2	6070	358/1.15	US-PGPUB; USPAT	OR	ON	2007/09/19 14:25
S3	2339	358/1.16	US-PGPUB; USPAT	OR	ON	2007/09/19 14:25
S4	1034	358/1.17	US-PGPUB; USPAT	OR	ON	2007/09/19 14:25
S5	2140	358/1.18	US-PGPUB; USPAT	OR	ON	2007/09/19 14:25

S6	0	S2 and ((input or data) and ((first near5 data) or (second near5 data)) with (registra\$5 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:33
S7	0	S2 and ((input or output) and ((first near5 data) or (second near5 data)) with (registra\$5 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:34
S8	0	S2 and (input or data) and ((first near5 data) or (second near5 data)) with (registra\$5 and index)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:31
S9	0	S2 and (input or output) and ((first near5 data) or (second near5 data)) with (registra\$5 and index)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:31
S10	5517	S2 and (input or output)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:31
S11	4301	S2 and (input and output)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:31
S12	2158	S11 and (first near5 data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:32
S13	1540	S12 and (second near5 data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:33
S14	213	"L13" and (regist\$7 and index)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:35
S15	2	S2 and ((input or output) and ((first near5 data) or (second near5 data)) with (regist\$7 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:42
S16	0	S14 and (Predeter\$6 near5 application)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:37
S17	204	S14 and (Predeter\$6 or application)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:37
S18	109	S14 and software	US-PGPUB; USPAT	OR	ON	2007/09/19 14:37
S19	108	S17 and software	US-PGPUB; USPAT	OR	ON	2007/09/19 14:37
S20	59	S19 and database	US-PGPUB; USPAT	OR	ON	2007/09/19 14:38
S21	58	S20 and control\$5	US-PGPUB; USPAT	OR	ON	2007/09/19 14:39
S23	8	S21 and (first adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:40
S24	11	S21 and (second adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:40
S25	6	S23 and S24	US-PGPUB; USPAT	OR	ON	2007/09/19 14:40

S26	0	S3 and ((input or output) and ((first near5 data) or (second near5 data)) with (regist\$7 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:43
S27	0	S4 and ((input or output) and ((first near5 data) or (second near5 data)) with (regist\$7 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:44
S28	0	S5 and (input or output) and ((first near5 data) with (registra\$5 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:43
S29	3	S5 and ((input or output) and ((first near5 data) or (second near5 data)) with (regist\$7 and index))	US-PGPUB; USPAT	OR	ON	2007/09/19 14:46
S30	66	S5 and (first adj input)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:46
S31	44	S5 and (second adj input)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:47
S32	33	S30 and S31	US-PGPUB; USPAT	OR	ON	2007/09/19 16:21
S33	124	S4 and (first adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:48
S34	2	S32 and (first adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:48
S35	2	S32 and (second adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 14:48
S36	2	S34 and S35	US-PGPUB; USPAT	OR	ON	2007/09/19 14:48
S37	3	S32 and barcode	US-PGPUB; USPAT	OR	ON	2007/09/19 16:21
S38	19	"6947571".pn. "6366217".pn. "6124806".pn. "20030133157" "20030202211" "7199897".pn. "20020030836" "20020067507" "6751352".pn. "7251048".pn. "20040036915" "7142327".pn. "6917449".pn. "7170615".pn. "6552814".pn. "6637956".pn. "6917441".pn. "7027174".pn. "6714314".pn.	US-PGPUB; USPAT	OR	ON	2007/09/19 17:14
S39	15	S38 and (first adj input)	US-PGPUB; USPAT	OR	ON	2007/09/19 17:15
S40	15	S38 and (second adj input)	US-PGPUB; USPAT	OR	ON	2007/09/19 17:15
S41	15	S39 and S40	US-PGPUB; USPAT	OR	ON	2007/09/20 11:29

S42	10	S41 and regist\$7	US-PGPUB; USPAT	OR	ON	2007/09/19 17:16
S43	2	S42 and (first adj data)	US-PGPUB; USPAT	OR	ON	2007/09/19 17:17
S44	1	S41 and index	US-PGPUB; USPAT	OR	ON	2007/09/19 18:14
S45	5	S38 and index	US-PGPUB; USPAT	OR	ON	2007/09/20 12:02
S46	2	S45 and barcode	US-PGPUB; USPAT	OR	ON	2007/09/19 18:15
S47	19	"6947571".pn. "6366217". pn. "6124806".pn. "20030133157" "20030202211" "7199897". pn. "20020030836" "20020067507" "6751352". pn. "7251048".pn. "20040036915" "7142327". pn. "6917449".pn. "7170615".pn. "6552814". pn. "6637956".pn. "6917441".pn. "7027174". pn. "6714314".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 11:10
S48	5	S47 and index	US-PGPUB; USPAT	OR	ON	2007/09/20 11:10
S49	0	S48 and design\$&	US-PGPUB; USPAT	OR	ON	2007/09/20 11:11
S50	4	S48 and design\$7	US-PGPUB; USPAT	OR	ON	2007/09/20 11:11
S51	15	S47 and (first adj input)	US-PGPUB; USPAT	OR	ON	2007/09/20 11:13
S52	15	S47 and (second adj input)	US-PGPUB; USPAT	OR	ON	2007/09/20 11:13
S53	15	S51 and S52	US-PGPUB; USPAT	OR	ON	2007/09/20 11:13
S54	9	S53 and design\$7	US-PGPUB; USPAT	OR	ON	2007/09/20 11:30
S55	9	S53 and design\$7	US-PGPUB; USPAT	OR	ON	2007/09/20 11:29
S56	15	S53 and control\$4	US-PGPUB; USPAT	OR	ON	2007/09/20 11:33
S57	15	S56 and output\$4	US-PGPUB; USPAT	OR	ON	2007/09/20 11:40
S58	1	S57 and (index and control \$4)	US-PGPUB; USPAT	OR	ON	2007/09/20 12:00
S59	1	S57 and (index and (character or string))	US-PGPUB; USPAT	OR	ON	2007/09/20 12:02
S60	4	S48 and (index and (character or string))	US-PGPUB; USPAT	OR	ON	2007/09/20 12:34

S61	4	S48 and (index and character)	US-PGPUB; USPAT	OR	ON	2007/09/20 12:03
S62	1	S48 and (index and string)	US-PGPUB; USPAT	OR	ON	2007/09/20 12:03
S63	1	"6384744".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:36
S64	1	"4794239".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:36
S65	1	"6688522".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:37
S66	1	"4777357".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:38
S67	1	"5227893".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:38
S68	5	"5227893".pn. "6384744". pn. "4794239".pn. "6688522".pn. "4777357". pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:40
S69	9	"5227893".pn. "6384744". pn. "4794239".pn. "6688522".pn. "4777357". pn. "4728784".pn. "68433417".pn. "6366696". pn. "5539191".pn. "5619027".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:43
S70	10	"5227893".pn. "6384744". pn. "4794239".pn. "6688522".pn. "4777357". pn. "4728784".pn. "6843417".pn. "6366696". pn. "5539191".pn. "5619027".pn.	US-PGPUB; USPAT	OR	ON	2007/09/20 12:54
S71	4	S70 and ((character and string) and (barcode and space))	US-PGPUB; USPAT	OR	ON	2007/09/20 12:58
S72	0	S71 and index	US-PGPUB; USPAT	OR	ON	2007/09/20 12:58
S73	1	S70 and index	US-PGPUB; USPAT	OR	ON	2007/09/20 12:58
S74	10	"5227893".pn. "6384744". pn. "4794239".pn. "6688522".pn. "4777357". pn. "4728784".pn. "6843417".pn. "6366696". pn. "5539191".pn. "5619027".pn.	US-PGPUB; USPAT	OR	ON	2008/03/18 09:26
S75	1	S74 and index	US-PGPUB; USPAT	OR	ON	2008/03/18 09:26
S76	1	S75 and input	US-PGPUB; USPAT	OR	ON	2008/03/18 09:26

S77	1	S76 and output	US-PGPUB; USPAT	OR	ON	2008/03/18 09:26
S78	0	S76 and database	US-PGPUB; USPAT	OR	ON	2008/03/18 09:26
S79	0	S77 and designate	US-PGPUB; USPAT	OR	ON	2008/03/18 09:27
S80	1	S76 and output\$4	US-PGPUB; USPAT	OR	ON	2008/03/18 09:30
S81	1	S80 and index\$5	US-PGPUB; USPAT	OR	ON	2008/03/18 09:40
S82	1	S81 and control\$4	US-PGPUB; USPAT	OR	ON	2008/03/18 09:42
S83	227	"L13" and (regist\$7 and index)	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S84	218	S83 and (Predeter\$6 or application)	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S85	118	S84 and software	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S86	69	S85 and database	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S87	13	S86 and (first adj data)	US-PGPUB; USPAT	OR	ON	2008/03/21 12:57
S88	10	"5227893".pn. "6384744". pn. "4794239".pn. "6688522".pn. "4777357". pn. "4728784".pn. "6843417".pn. "6366696". pn. "5539191".pn. "5619027".pn.	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S89	1	S88 and index	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S90	1	S89 and input	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S91	1	S90 and output\$4	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S92	1	S91 and index\$5	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S93	1	S92 and control\$4	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S94	1	S93 and data	US-PGPUB; USPAT	OR	ON	2008/03/21 12:58
S95	1	S94 and first	US-PGPUB; USPAT	OR	ON	2008/03/21 12:59
S96	1	S95 and second	US-PGPUB; USPAT	OR	ON	2008/03/21 12:59
S97	1	S96 and input\$4	US-PGPUB; USPAT	OR	ON	2008/03/21 13:03

S98	3	2002/0165800	US-PGPUB; USPAT	OR	ON	2008/11/13 15:17
S99	1	"20020165800"	US-PGPUB; USPAT	OR	ON	2008/11/13 15:18
S100	10002	358/1.15	US-PGPUB; USPAT	OR	ON	2009/09/11 17:23
S101	3279	358/1.18	US-PGPUB; USPAT	OR	ON	2009/09/11 17:23
S102	3297	358/1.1	US-PGPUB; USPAT	OR	ON	2009/09/11 17:24
S103	30	346/107.3	US-PGPUB; USPAT	OR	ON	2009/09/11 17:24
S104	2076	709/247	US-PGPUB; USPAT	OR	ON	2009/09/11 17:24
S105	867	S100 and (first and data) and (pdf and creat\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:40
S106	365	S101 and (first and data) and (pdf and creat\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:40
S107	206	S102 and (first and data) and (pdf and creat\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:40
S108	2	S103 and (first and data) and (pdf and creat\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:40
S109	47	S104 and (first and data) and (pdf and creat\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:40
S110	576	S105 and (softwar\$9 and second) and (conver\$9 and imag\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:42
S111	277	S106 and (softwar\$9 and second) and (conver\$9 and imag\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:42
S112	151	S107 and (softwar\$9 and second) and (conver\$9 and imag\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:42
S113	1	S108 and (softwar\$9 and second) and (conver\$9 and imag\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:42
S114	29	S109 and (softwar\$9 and second) and (conver\$9 and imag\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:43
S115	217	S110 and (format and register\$9) and (receiv\$9 and databas\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:44
S116	109	S111 and (format and register\$9) and (receiv\$9 and databas\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:44
S117	60	S112 and (format and register\$9) and (receiv\$9 and databas\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:44

S118	1	S113 and (format and register\$9) and (receiv\$9 and databas\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:44
S119	8	S114 and (format and register\$9) and (receiv\$9 and databas\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:44
S120	146	S115 and (Specific\$9 and index\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:45
S121	88	S116 and (Specific\$9 and index\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:45
S122	50	S117 and (Specific\$9 and index\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:46
S123	0	S118 and (Specific\$9 and index\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:46
S124	3	S119 and (Specific\$9 and index\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:46
S125	39	S120 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:47
S126	27	S121 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:48
S127	12	S122 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:55
S128	0	S123 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:56
S129	1	S124 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:56
S130	0	S118 and (select\$9 and unit\$9) and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:56
S131	0	S118 and (select\$9 and unit\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:57
S132	1	S118 and select\$9	US-PGPUB; USPAT	OR	ON	2009/09/11 17:57
S133	0	S118 and unit	US-PGPUB; USPAT	OR	ON	2009/09/11 17:57
S134	1	S132 and Specific\$9	US-PGPUB; USPAT	OR	ON	2009/09/11 17:57
S135	0	S134 and index	US-PGPUB; USPAT	OR	ON	2009/09/11 17:58
S136	1	S134 and (output and designa\$9)	US-PGPUB; USPAT	OR	ON	2009/09/11 17:58
S137	0	("2008/0144093").URPN.	USPAT	OR	ON	2009/09/11 18:13



S138	57	Zaima.inv.	USPAT	OR	ON	2009/09/11 18:15
S139	3	("5218539"   "5404294"   "6983417").PN. OR ("7394560").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/11 18:32
S140	180	tonegawa.inv.	US-PGPUB; USPAT	OR	ON	2009/09/11 18:36
S141	102	Zaima.inv.	US-PGPUB; USPAT	OR	ON	2009/09/11 18:37
S142	0	"10933283"	US-PGPUB; USPAT	OR	ON	2009/09/12 18:11
S143	1	10/933283	US-PGPUB; USPAT	OR	ON	2009/09/12 18:16
S144	0	("2005/0068576").URPN.	USPAT	OR	ON	2009/09/12 18:17
S145	1	"20060203286"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:19
S146	1	"20030034399"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:20
S147	1	"20020165800"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:22
S148	2	"20020099778"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:22
S149	3	"5911776".pn. "20030093490"	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:24
S150	8	S145 S146 S147 S148 S149	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/12 18:26
S151	10002	358/1.15	US-PGPUB; USPAT	OR	ON	2009/09/12 19:00
S152	221	S151 and (first near5 input) and (pdl and softwar \$9)	US-PGPUB; USPAT	OR	ON	2009/09/12 19:00
S153	3692	S151 and (transmi\$9 and print\$9) and (designa\$9 and select\$9)	US-PGPUB; USPAT	OR	ON	2009/09/12 19:01
S154	143	S152 and (transmi\$9 and print\$9) and (designa\$9 and select\$9)	US-PGPUB; USPAT	OR	ON	2009/09/12 19:04
S155	98	S154 and (unit\$9 and control\$9) and (register\$9 and conver\$9)	US-PGPUB; USPAT	OR	ON	2009/09/12 19:05
S156	98	S155 and imag\$9	US-PGPUB; USPAT	OR	ON	2009/09/12 19:06
S157	98	S156 and data	US-PGPUB; USPAT	OR	ON	2009/09/12 19:09
S158	33	S157 and databas\$4	US-PGPUB; USPAT	OR	ON	2009/09/12 19:10

S159	33	S158 and input	US-PGPUB; USPAT	OR	ON	2009/09/12 19:15
S160	8	S159 and index	US-PGPUB; USPAT	OR	ON	2009/09/12 20:43

**EAST Search History (Interference)**

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**3/ 19/ 2010 2:46:24 PM**

**C:\Documents and Settings\mriley\My Documents\ EAST\ Workspaces\ 10758198.wsp**